

Amendments to the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1.-3. (cancelled)

4. (currently amended) A system for connecting a mobile data unit to a field bus, comprising:

a coupling unit connected to the field bus via a spur line and a line driver, wherein signals at an output of the line driver are injected via a first level converter in the coupling unit into a first data link or are received from the first data link;

a mobile data unit receiving the signals via a second- first level converter in the mobile data unit from the first data link or injecting the signals into the first data link;

a the first data link connected to the first level converter in the coupling unit via an electrical jack for communicating data between the mobile data unit and the field bus;

a presence detection circuit comprising a digital signal line providing a presence signal responsive to coupling of the mobile data unit to the coupling unit; and

a controller connected to the field bus and connected to the presence detection circuit for receiving the presence signal, wherein the controller can transmit a selection of views to the mobile data unit via the digital signal line.

5.-8. (cancelled)

9. (currently amended) A- The system as in claim 4, wherein the presence detection circuit comprises an additional signal line, and the controller can transmit a selection of views to the mobile data unit via the additional signal line.

10. (currently amended) ~~A-~~ The system according to claim 4, further comprising:
~~first, second, and third level converters in the coupling unit connected to the line driver~~ for data communication therewith;
~~a first data communication link connected to the first level converter via said electrical jack for communicating data between the mobile data unit and the field bus;~~
~~a second data communication link connected to the second level converter in the coupling unit via said electrical jack for communicating data between the mobile data unit and the field bus;~~
~~a third data communication link connected to the third level converter in the coupling unit via said electrical jack for communicating control signals between the mobile data unit and the line driver; and~~
~~wherein each level converter converts an electrical signal between a short range electrical signal provided to or from the line driver and a longer range electrical signal provided to or from the respective data communication link.~~

11. (cancelled)

12. (currently amended) A system for connecting a mobile data unit to a field data bus, comprising;

- a line driver connected to the field data bus for data communication therewith;
- first, second, and third line signal level converters connected to the line driver for data communication therewith;
- a first data communication link connected to the first line signal level converter via an electrical jack for communicating data between the mobile data unit and the field data bus;
- a second data communication link connected to the second line signal level converter via said electrical jack for communicating data between the mobile data unit and the field data bus;
- a third data communication link connected to the third line signal level converter via said electrical jack for communicating control signals between the mobile data unit and the line driver;
- each line signal level converter converting an electrical signal between a short range electrical signal provided to or from the line driver and a longer range electrical signal provided to or from the respective data communication link;
- the respective data communication links comprising a connecting cable for selectively connecting the mobile data unit to the field data bus;
- a presence detection circuit providing a presence signal responsive to connection of the mobile data unit to the field data bus via the connecting cable; and
- a controller connected to the field data bus and receiving the presence signal;
- wherein the presence detection circuit comprises a digital signal line, and the controller can transmit a selection of views to the mobile data unit via the digital signal line.